

Patent Claims

1. Pharmaceutical preparation comprising levo-
thyroxine sodium, gelatine and fillers and which
5 is free of organic solvent residues.
2. Pharmaceutical preparation according to Claim 1,
characterized in that liothyronine sodium is
optionally also contained.
- 10 3. Pharmaceutical preparation according to Claim 1,
characterized in that 5 to 400 µg of levothyroxine
sodium are contained.
- 15 4. Pharmaceutical preparation according to Claim 1,
characterized in that levothyroxine sodium
micronized with a particle size of between 5 µm
and 25 µm is contained.
- 20 5. Pharmaceutical preparation according to Claim 1,
characterized in that fillers selected from the
group consisting of lactose and/or maize starch
and/or microcrystalline cellulose are contained.
- 25 6. Pharmaceutical preparation according to Claim 1, 2
or 3, characterized in that it is a solid
preparation in the form of tablets.
- 30 7. Process for the production of a pharmaceutical
preparation, characterized in that levothyroxine
sodium and optionally liothyronine sodium, which
is/are present in suspended form in aqueous
gelatine solution, are sprayed onto the filler(s)
in a fluidized bed granulation, then a
35 disintegrant and lubricant are admixed and the
mixture is compressed to give tablets.
8. Process according to Claim 5, characterized in
that the disintegrant used is croscarmellose

sodium and the lubricant used is magnesium stearate.